

METHOD OF BONDING A WATER- ACTIVATED ADHESIVE SHEET

Abstract

Method of bonding a water-activated adhesive sheet to the desired surface of an object is disclosed. The adhesive sheet is made of a backing and a layer of water-activated adhesive disposed on one side of the backing. The method of the invention comprises pressing the water-activated adhesive sheet against the desired surface without moistening the water-activated adhesive layer, and simultaneously heating the adhesive sheet. The water-activated adhesive sheet is heated at a temperature of at least 100°C for at least 0.3 second under a pressure of at least 3.2 kg/cm². The method of the invention is applicable to jointing wood veneer sheets which are dried to such an extent that is suitable for lamination to produce plywood, laminated veneer lumber (LVL) or other wood composite materials.